

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 3, 2003, 16:20:58 ; Search time 90 Seconds

(without alignments)
12878.925 Million cell updates/sec

Title: US-10-047-593-5

Perfect score: 2580

Sequence: 1 GCGGCGCGTAACTACGACTC.....CGCTCAGGAGGTCACGT 2580

Scoring table: IDENTITY NJC

Gapop 10.0, Gapext 1.0

Searched: 396772 seqs, 224632407 residues

Total number of hits satisfying chosen parameters: 793544

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Published Applications NA:*

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14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2579.6	100.0	2580	US-10-047-593-5	Sequence 5, Appli
2	2579.6	100.0	7789	US-10-047-593-3	Sequence 3, Appli
3	82.8	3.2	233	US-09-923-876-1107	Sequence 3107, Ap
4	68.6	2.7	12561	US-10-005-057A-41	Sequence 41, Appli
5	66	2.6	281	US-09-923-876-4089	Sequence 4089, Ap
6	61.8	2.4	266	US-09-923-876-1931	Sequence 3931, Ap
7	46.4	1.8	305	US-09-864-761-19262	Sequence 19262, A
8	46.4	1.8	659158	US-09-771-208-20	Sequence 20, Appli
9	46.2	1.8	299	US-09-864-761-11553	Sequence 21553, A
10	45.2	1.8	32195	US-09-764-870-611	Sequence 611, App
11	45.2	1.8	32195	US-09-764-870-617	Sequence 617, App
12	45.2	1.8	32195	US-09-764-869-1605	Sequence 1605, Ap
13	45	1.7	2580	US-10-047-593-5	Sequence 5, Appli
14	45	1.7	7789	US-10-047-593-3	Sequence 3, Appli
15	42.4	1.6	375	US-09-960-352-15014	Sequence 15014, A
16	41	1.6	479	US-09-864-761-2535	Sequence 3535, Ap
17	41	1.6	494	US-09-864-761-2947	Sequence 2947, Ap
18	40.8	1.6	726	US-09-864-761-19707	Sequence 19707, A
19	40.8	1.6	1951	US-09-864-761-2926	Sequence 2926, Ap

20	40	1.6	227	10	US-09-864-761-19728	Sequence 19728, A
21	40	1.6	470	10	US-09-864-761-2442	Sequence 2442, Ap
22	39.8	1.5	218	10	US-09-864-761-23306	Sequence 23306, A
23	39.8	1.5	598	10	US-09-864-761-7439	Sequence 7439, Ap
24	39.6	1.5	1064	10	US-09-804-682-29	Sequence 29, Appli
25	39.6	1.5	5387	9	US-10-001-873-22	Sequence 22, Appli
26	39.6	1.5	8317	10	US-09-764-869-1279	Sequence 1279, Ap
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38	39	1.5	496	10	US-09-864-761-2534	Sequence 2534, Ap
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40	39	1.5	8895	10	US-09-764-853-937	Sequence 937, App
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43	39	1.5	15714	10	US-09-764-869-2355	Sequence 2355, Ap
44	38.8	1.5	15567	12	US-10-047-676A-3	Sequence 3, Appli
45	38.8	1.5	174424	10	US-09-967-768A-314	Sequence 314, App

ALIGNMENTS

RESULT 1
US-10-047-593-5
Sequence 5, Application US/10047593
Patent No. US20020170094A1
GENERAL INFORMATION:
APPLICANT: Crane, Edmund H. III
TITLE OF INVENTION: Rice, Douglas A.
TITLE OF INVENTION: Maize NPRI Polynucleotides and Methods
FILE REFERENCE: 1090D2
CURRENT APPLICATION NUMBER: US/10/047,593
CURRENT FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/130,692
PRIOR FILING DATE: 1999-04-23
PRIOR APPLICATION NUMBER: 09/551,778
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 2715
TYPE: DNA
ORGANISM: Zea mays
FEATURE:
NAME/KEY: promoter
LOCATION: (1) ... (2715)
US-10-047-593-5

Query Match	100.0%	Score 2579.6;	DB 9;	Length 2580;
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DB	61	GAAGCCACCGTTGGGCGCTTGGAGCCGTTGGCGCACCCGACACTGTCGGTGACACCG	120	
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RESULT 2

US-10-047-593-3
 Sequence 3, Application US/10047593
 Patent No. US20020170094A1
 GENERAL INFORMATION:
 APPLICANT: Crane, Edmund H. III
 APPLICANT: Rice, Douglas A.
 TITLE OF INVENTION: Maize NPTI Polynucleotides and Methods
 FILE REFERENCE: 1090D2
 CURRENT APPLICATION NUMBER: US/10/047,593
 CURRENT FILING DATE: 2002-01-15
 PRIOR APPLICATION NUMBER: 60/130,692
 PRIOR FILING DATE: 1999-04-23
 PRIOR APPLICATION NUMBER: 09/551,778
 PRIOR FILING DATE: 2000-04-18
 NUMBER OF SEQ ID NOS: 6
 SOFTWARE: FASTSEQ for Windows Version 4.0
 SEQ ID NO 3
 LENGTH: 7789
 TYPE: DNA
 ORGANISM: Zea mays
 FEATURE:
 NAME/KEY: promoter
 LOCATION: (1)...(2715)
 NAME/KEY: 5' UTR
 LOCATION: (2716)...(2781)
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 NAME/KEY: intron
 LOCATION: (3436)...(3987)
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 LOCATION: (3988)...(4738)
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 LOCATION: (4739)...(5274)
 NAME/KEY: exon
 LOCATION: (5275)...(5475)
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 LOCATION: (5476)...(5665)
 NAME/KEY: exon
 LOCATION: (5666)...(5922)
 NAME/KEY: 3' UTR
 LOCATION: (5923)...(6124)
 US-10-047-593-3

Query Match 100.0%; Score 2579.6; DB 9; Length 7789;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2580; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 121 GACAGTCAGGTGCGCCCTTCCGACCGGTGGCTCGGCAAGTGTTCGCGCGATGCGCG 180
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 Db 1141 GGTCTTAAGATGACATGACATGTGCTGTGCTTCTTAATTAAGTTAATAGTGA 1200
 Qy 1201 TGTTTTGCACAATCTGATGATATGCTTGTGCTTAAACAAGCCTTGTTTTATCTTC 1260


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; APPLICANT: Mahajan, Pramod
; APPLICANT: Rafaleki, Antoni J.
; APPLICANT: Sakai, Hajime
; APPLICANT: Klein, Ted M.
; TITLE OF INVENTION: Transcriptional Regulator Nucleic Acids,
; FILE REFERENCE: 1288
; TITLE OF INVENTION: Polypeptides and Methods of Use Thereof
; CURRENT APPLICATION NUMBER: US/10/005,057A
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/251,555
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 12561
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(12561)
; OTHER INFORMATION: zmpk1 genomic sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(12561)
; OTHER INFORMATION: n = A,T,C or G
US-10-005-057A-41

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Query Match          2.7%; Score 68.6; DB 9; Length 12561;
Best Local Similarity 56.2%; Pred. No. 9.6e-08;
Matches 187; Conservative 1; Mismatches 140; Indels 5; Gaps 3;

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DB 12396 ACCGACAGTCCGATGATATAGCGGAGCGGCTGTGATTCGCCAGTGTGCTT 12337
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DB 12336 TG-AGTTGAGTCTCTGTCGTCGACCGGACCAATGATGTCGCGCAAAATCAGACACTC 12278
QY 837 AAGTCCTTGTCTTATTTTATTTGTCGCTAATGATTTCTTTTGTGTTGA 896
DB 12277 GGTGTCTTGTCTTATTTTATTTGTCGCTAATGATTTCTTTTGTGTTGA 12218
QY 897 ACCTTATGACCTG-AGATAATCACAATGACCAATGATGTCGCTTGTG 955
DB 12217 ACCTTATGACCTGATATTTCTATACCTTGGCAATTAATGATTAATTTGTGT 12158
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RESULT 5
US-09-923-876-4089/c
; Sequence 4089, Application US/09923876
; Patent No. US20020013958A1
; GENERAL INFORMATION:
; APPLICANT: Laljudi, Raghunath V.
; APPLICANT: Kamigaki, Laura Y. (Ito)
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN SEEDLING
; FILE REFERENCE: PL-0012-1 CON
; CURRENT APPLICATION NUMBER: US/09/923,876
; PRIOR FILING DATE: 2001-08-06
; PRIOR APPLICATION NUMBER: 09/298,329
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/085,331
; NUMBER OF SEQ ID NOS: 6332
; SOFTWARE: PERL Program

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; SEQ ID NO 4089
; LENGTH: 281
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020013958A1 700454106H1
US-09-923-876-4089

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Query Match          2.6%; Score 66; DB 10; Length 281;
Best Local Similarity 83.3%; Pred. No. 5.9e-08;
Matches 75; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

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QY 494 CTTTGCCACCATTTAATGACCTGCTGTGACACTAATACCAAAATCTTA 553
DB 271 CATTTGTCTATGTTTAAACACACCAATTTGTGTGACACTTAATCAAAATCTTA 212
QY 554 GAATGGCCCAAGGCGACATTTCCCTTTCA 583
DB 211 AAAATGGCCCAAGGCGACATTTCCCTTTCA 182

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RESULT 6
US-09-923-876-3931/c
; Sequence 3931, Application US/09923876
; Patent No. US20020013958A1
; GENERAL INFORMATION:
; APPLICANT: Laljudi, Raghunath V.
; APPLICANT: Kamigaki, Laura Y. (Ito)
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN SEEDLING
; FILE REFERENCE: PL-0012-1 CON
; CURRENT APPLICATION NUMBER: US/09/923,876
; PRIOR FILING DATE: 2001-08-06
; PRIOR APPLICATION NUMBER: 09/298,329
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/085,331
; PRIOR FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 6332
; SOFTWARE: PERL Program
; SEQ ID NO 3931

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; LENGTH: 266
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020013958A1 700454106H1
; NAME/KEY: unsure
; LOCATION: 201, 211, 234, 244-245
; OTHER INFORMATION: a, t, c, g, or other
US-09-923-876-3931

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Query Match          2.4%; Score 61.8; DB 10; Length 266;
Best Local Similarity 84.6%; Pred. No. 7.5e-07;
Matches 66; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

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QY 506 TTTAACCTTGGGACCTGCTGTGACACTAATAATCACAATAATCTTAAGAATGGCCCA 565
DB 259 TTTTACACACACCAACNMTTGTGTGACACTTAATACCAAAATCTTAATAATGGCCCA 200
QY 566 GGGACATTTCCCTTTCA 583
DB 199 GGGACATTTCCCTTTCA 182

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RESULT 7
US-09-864-761-19262
; Sequence 19262, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.

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APPLICANT: Chen, Weisheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Aeomica-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 19262
LENGTH: 305
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC011416.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.6
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.9
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.5
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.8
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 3.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.6
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.8
OTHER INFORMATION: SWISSPROT HIT: P05156, EVALUE 9.40e+00
OTHER INFORMATION: NT HIT: U67539.1, EVALUE 7.40e-01
OTHER INFORMATION: EST_HUMAN HIT: BF129635.1, EVALUE 1.10e+00
US-09-864-761-19262

Query Match 1.8%; Score 46.4; DB 10; Length 305;
Best Local Similarity 50.4%; Pred. No. 0.0098;
Matches 140; Conservative 0; Mismatches 136; Indels 2; Gaps 1;

QY 2132 AGATTCTTGAGATTTTATTCTGTTATCTCATCTCTCCGCGGCTCTCAGTCTA 2191
DB 10 AGATTCTTAAATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTC 69

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Qy	2192	TTTCCCTCCCTCGAGAGCGTGTCTTCGTGACATCTTTCCCCATCCCATCTC	2251
Db	70	TTCTTCTTCTTCTTC--TTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT	127
Qy	2252	CCCTACTTCCAGCGAATCGGCTTTCCCGGACTCTTCTTCAGATTCGTTGACCC	2311
Db	128	TTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT	187
Qy	2312	TACGCTTCCTCAGTACGTCTGCGCCCTCCAGACCGGCGAAGATCGTCAGTATT	2371
Db	188	TTCTTCTCTCTTCTTCTTCTGCTCTCTCTCCGACCCCGGACACACACACTTGGT	247
Qy	2372	CCCTGTAGCTACTATGCTGCGCTTCTTGATCCCTTTT	2409
Db	248	GTCCTTTGGATATATATATACTTCTGTGAGATTTTTT	285
RESULT 8			
US-09-771-208-20			
Sequence 20, Application US/09771208			
Patent No. US20020155641			
GENERAL INFORMATION:			
APPLICANT: MEDRAND, JUAN			
APPLICANT: BRADFORD, ERIC			
APPLICANT: HORVAT, SIMON			
TITLE OF INVENTION: CLONING OF A HIGH-GROWTH GENE			
FILE REFERENCE: 407T-923710US			
CURRENT APPLICATION NUMBER: US/09/771,208			
CURRENT FILING DATE: 2001-01-26			
PRIOR APPLICATION NUMBER: US 08/999,477			
PRIOR FILING DATE: 1997-12-29			
NUMBER OF SEQ ID NOS: 20			
SOFTWARE: PatentIn version 3.0			
SEQ ID NO 20			
LENGTH: 659158			
TYPE: DNA			
ORGANISM: Mus musculus			
FEATURE:			
NAME/KEY: misc_feature			
LOCATION: (123459)..(123478)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (602466)..(602485)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (54698)..(547017)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (494715)..(494814)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (390986)..(391005)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (346860)..(346823)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (317174)..(317193)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (280353)..(280373)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (271829)..(271848)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (183872)..(183891)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (170625)..(170645)			
OTHER INFORMATION: n is unidentified a, c, g, or t			
NAME/KEY: misc_feature			
LOCATION: (132680)..(132700)			

QY 2299 TCCGTTGACCCCTACCGCTCTCTAGTCTCTGCCCCCTCCAGCAGCCGCAACAT 2338
DB 5094 CTCTCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5153
QY 2359 CCCTGACGTTATTCCTCTAGTCTCTAGTCTCTCTCTCTCTCTCTCTCTCTCTCT 2404
DB 5154 CCCCCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5199

RESULT 11

US-09-764-870-617
; Sequence 617, Application US/09764870
; Patent No. US20020042386A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT214
; CURRENT APPLICATION NUMBER: US/09/764,870
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 646
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 617
; LENGTH: 32195
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-870-617

Query Match 1.8%; Score 45.2; DB 10; Length 32195;
Best Local Similarity 50.0%; Pred. No. 0.26;
Matches 113; Conservative 0; Mismatches 113; Indels 0; Gaps 0;

QY 2179 CCTCTAGTCTATTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2238
DB 4974 CCCCCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5033
QY 2239 CCATCCCTATTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2298
DB 5034 CCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5093
QY 2299 TCCGTTGACCCCTACCGCTCTCTAGTCTCTCTCTCTCTCTCTCTCTCTCTCT 2358
DB 5094 CTCTCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5153
QY 2359 CCCTGACGTTATTCCTCTAGTCTCTAGTCTCTCTCTCTCTCTCTCTCTCTCTCT 2404
DB 5154 CCCCCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5199

RESULT 12

US-09-764-869-1605
; Sequence 1605, Application US/09764869
; Patent No. US20020061521A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC007
; CURRENT APPLICATION NUMBER: US/09/764,869
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 2442
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1605
; LENGTH: 32195
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-869-1605

Query Match 1.8%; Score 45.2; DB 10; Length 32195;
Best Local Similarity 50.0%; Pred. No. 0.26;
Matches 113; Conservative 0; Mismatches 113; Indels 0; Gaps 0;
2179 CCTCTAGTCTATTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2238

DB 4974 CCCCCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5033
QY 2239 CCATCCCTATTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2298
DB 5034 CCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5093
QY 2299 TCCGTTGACCCCTACCGCTCTCTAGTCTCTCTCTCTCTCTCTCTCTCTCTCT 2358
DB 5094 CTCTCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5153
QY 2359 CCCTGACGTTATTCCTCTAGTCTCTAGTCTCTCTCTCTCTCTCTCTCTCTCTCT 2404
DB 5154 CCCCCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 5199

RESULT 13

US-10-047-593-5/c
; Sequence 5, Application US/10047593
; Patent No. US20020170094A1
; GENERAL INFORMATION:
; APPLICANT: Crane, Edmund H. III
; TITLE OF INVENTION: Maize NPr1 Polynucleotides and Methods
; FILE REFERENCE: 1090D2
; CURRENT APPLICATION NUMBER: US/10/047,593
; CURRENT FILING DATE: 2002-01-15
; Prior Filing Date: 1999-04-23
; Prior Application Number: 09/551,778
; Prior Filing Date: 2000-04-18
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 2715
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: promoter
; LOCATION: (1)...(2715)
US-10-047-593-5

Query Match 1.7%; Score 45; DB 9; Length 2580;
Best Local Similarity 54.5%; Pred. No. 0.074;
Matches 90; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

QY 168 GTTGCCCGGACCGACCGCTGAGCTCACCGGACAGTCCGCTGACACGACGATCCGCTGA 247
DB 352 GTGACCGGACCTGTCGGGTGTTACCGGACAGTGTCCGCTGCGCCAGGCTGCTCAGGC 293
QY 248 ATTATGCGGTAGCGCGCTTAATCACTTCCGAGAGCAGCAAGTTCCGCTGAGCCAGCCTG 307
DB 292 GAATTTGCTGCTCTCGGAGAGTGAATTAACGCGCTATATTAATTAATTAATTAATTA 233
QY 308 GCGACCGGACAGTCTCCGCTGAGACCAACCGGACAGTCCGCTGAC 352
DB 232 GTTGACCGGACCTGTCGGGTGAGGCAACGCTGCTGCGGCAAC 188

RESULT 14

US-10-047-593-3/c
; Sequence 3, Application US/10047593
; Patent No. US20020170094A1
; GENERAL INFORMATION:
; APPLICANT: Crane, Edmund H. III
; TITLE OF INVENTION: Maize NPr1 Polynucleotides and Methods
; FILE REFERENCE: 1090D2
; CURRENT APPLICATION NUMBER: US/10/047,593
; CURRENT FILING DATE: 2002-01-15
; Prior Application Number: 60/130,692

Query Match	1.6%;	Score 42.4;	DB 10;	Length 375;
Best Local Similarity	51.0%;	Pred. No. 0.13;		

Search completed: February 3, 2003, 19:02:48
Job time : 1438 secs

